



## News release

### **EADS SOCATA begins deliveries of its 2008 TBM 850 very fast turboprop aircraft**

- First two 2008 TBM 850 with Integrated All-Glass Flight Deck delivered
- More than 60 aircraft ordered for delivery in 2008
- New aircraft can fly further, carrying more payload



**Orlando, Florida, January 25, 2008** – The initial two EADS SOCATA 2008 TBM 850s were delivered to customers yesterday, marking the formal entry of this upgraded very fast turboprop into the international business aircraft marketplace.



EADS SOCATA Chairman and CEO Jean-Michel Léonard handed over the TBM 850s during a delivery ceremony at Florida's Orlando Executive Airport, which was attended by more than 200 guests and included presentations by performers from the Cirque du Soleil and Nova Era orchestra, concluded by a fireworks finale.



"Today's event culminates a major effort by EADS SOCATA to build on the TBM 850's already considerable success, further enhancing this aircraft's operability and capability in response to customer demand," Léonard said. "Our work doesn't stop here. EADS SOCATA's top priority will continue to be customer satisfaction, and we will intensify our efforts to increase customer service. In addition, we want to expand our core U.S. market while also increasing the TBM 850's presence in other regions of the world."



Upgrades in this latest variant of the popular TBM850 include an integrated all-glass flight deck based on the last-generation Garmin G1000 system – which replaces traditional instruments with large liquid crystal display (LCD) screens. It integrates primary flight, navigation, weather, traffic, ground proximity and technical information on the aircraft, fully associated with a digital autopilot. This reduces pilot workload and eases maintenance. As a result, the TBM 850 is now one of the world's most advanced light business aircraft.



The first 2008 TBM 850 was received by John LaBonte, the Chief Executive Officer of Big Bike Parts, a leading designer and distributor of touring motorcycle accessories based in Rice Lake, Wisconsin. LaBonte participated in the TBM



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850's ferry flight to Florida, having completed his training on the new aircraft at EADS SOCATA's Tarbes, France production facility.

Today's ceremony comes one week after the TBM 850's public unveiling at Tarbes, which was followed by the departure of the first two aircraft to the United States – the largest market for this six-seat business transport.

"Last week's official public debut of our new TBM 850 definitely boosted its already strong product recognition," explained Nicolas Chabbert, the President of EADS SOCATA North America. "We have surpassed the 60 aircraft order total for this year, which locks in the entire 2008 production. We are now into 2009 for the next available delivery slots."

Chabbert underscored the TBM 850's speed and "eco-efficiency," which brings together two key features for owners and operators. "The TBM 850 is proving to be the perfect solution for the pilot/owner group segment, and we clearly anticipate it will attract other market sectors, such as small business and on-demand operations."

Renowned aerobatic champion Mike Goulian was the guest of honor at today's delivery ceremony, describing his impression of the new aircraft's features to the audience after flying as the 2008 TBM 850's first guest pilot.

"The Garmin G1000-equipped TBM 850 with its digital autopilot is fascinating and amazing," said Goulian who is a turboprop charter pilot in addition to his aerobatic activities. "The TBM 850's cockpit layout is superb and well engineered. This is the most advanced turboprop I have ever flown, and the handling characteristics are close to fighter aircraft I have had the opportunity to fly. It's a phenomenal aircraft with its speed, sturdy structure and incredible stability."

The TBM 850 is world's fastest single turboprop aircraft, with a maximum cruising speed of 320 KTAS at flight level 260 (in ISA conditions). It combines cruising speed and trip times of a light jet with the economic direct operating costs, range and moderate environmental signature of the turboprop engine. Its maximum range and useful load, enhanced on the new model, its ability to land on small airports are some of its customer's favorite features.

### **About EADS SOCATA**

EADS SOCATA is one of the world's leading general aviation manufacturers, with more than 17,000 aircraft built since its creation as Morane-Saulnier in 1911. Current products include the TBM family of high-speed turboprops, TB GT piston aircraft, aerostructures for Airbus civil airliners, the A400M military transporter, Dassault Falcon jets, Eurocopter helicopters and Embraer regional jets. EADS SOCATA is expanding its customer service activities, to support its growing fleet of TBM and offer its light aviation expertise for aircraft below 5.7

metric tons through avionics modernization, maintenance, repair and overall package offers. Headquartered in Tarbes, France, with North American operations in Pembroke Pines, Florida, EADS SOCATA is a wholly-owned subsidiary of EADS group.

In 2006, EADS generated revenues of € 39.4 billion and employed a workforce of about 116,000. The Group includes the aircraft manufacturer Airbus, the world's largest helicopter supplier Eurocopter, and EADS Astrium, the European leader in space programmes from Ariane to Galileo. Its Defence & Security Division is a provider of comprehensive systems solutions and makes EADS the major partner in the Eurofighter consortium as well as a stakeholder in the missile systems provider MBDA. EADS also develops the A400M through its Military Transport Aircraft Division.

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[www.tbm850.com](http://www.tbm850.com)

## **TBM Program Milestones**

**1987:** Launch of the TBM 700, first pressurized business single turboprop in partnership with Mooney Aircraft Corporation (USA) and Valmet (Finland)

**1990:** Certification and first customer's delivery of the TBM 700

**1991:** TBM 700 ordered by the French Air Force for liaison duties, 20 aircraft are purchased

**1992:** A TBM 700 was selected as the shuttle for the International Olympics Committee at the Courchevel Mountain airport during Winter Olympics Games

**1993** Around the World in less than 80 hours by a TBM 700 ; crew: Jacques Lemaigre du Breuil, Nicolas Gorodiche, Olivier Waisblat

**1994:** Lindbergh Trophy, New York – Paris direct flight in a TBM 700 in 10 h 54 min 41 seconds pilot: J. Lemaigre du Breuil  
French Army Aviation (ALAT) orders 5 TBM 700  
TBM 700 is the first single engined turboprop approved for Public Transport in Canada

**1997:** Launch of the TBM 700B, with large door and optional pilot door

**1999:** TBM 700B Freighter version, ALAT (French Army Aviation) orders 3 TBM 700B

**2000:** First civilian fleet order from Jetfly, fractional ownership operator

**2001:** Quest Diagnostics, orders a fleet of 6 TBM 700B Freighter for medical sample transport

**2003:** TBM 700C2 increased maximum takeoff weight version introduced

**2004:** Roll-Out of the 300th TBM 700

**2005:** TBM 850 Launch Announcement,

**2006:** First deliveries of the TBM 850

**2007 :** Garmin selected to design an Integrated All-Glass Flight Deck for the TBM 850

**2008:** Introduction of the TBM 850 with the G1000 Integrated All-Glass Flight Deck

## **TBM 850 mod. 2008 New Features**

**Avionics:** New Garmin avionics G1000, tailored for the TBM 850, true integration of technology, now replaces conventional instruments, gauges and annunciators. It reduces drastically pilot's workload and simplifies maintenance tasks.

The G1000 features two 10-inch wide Primary Flight Displays and one 15-inch Multifunction display (MFD), the largest currently fitted in a light business aircraft. The MFD screen integrates navigation, weather, traffic and terrain information as well as engine monitoring, aircraft status, and airport charts and check-lists.

Traditional gyros instruments are also replaced by two RVSM compliant Air Data Computers and two Air Horizontal Reference System (AHRS), together with a magnetic sensor. The system is completed by the GMC 710 autopilot, the industries first entirely digital autopilot.

**Global Air System:** The existing environmental and pressurization system of the TBM has been replaced by the Global Air System (GAS) produced by Liebherr Aerospace. It provides digital regulation of the pressurization and cabin temperature providing two independent temperate zones.

An engine driven compressor provides efficient cooling at engine start, with a 50% performance improvement over previous systems. Maintenance is eased by the use of airline industry standard components and by a built-in diagnostic system.

**New cabin:** The cabin of the TBM Model 2008 has been redesigned by the Catherineau company and provides a new look for the TBM while retaining its distinctly "European Flavor". New cushions and backrest shapes have been designed after intensive testing after extensive user trials.

The four main cabin side panels have been designed for quick removal and replacement to reduce maintenance costs. The new interior includes new storage compartments and large arm-rests. The passenger table folds entirely into the structure of the aircraft allowing a 2-inch increase of "elbow room". Cockpit access is easier because of seat new shape and due to a 1-inch head room increase.

## SOCATA TBM 850 in figures

<b>Powerplant</b>		PWC PT6A-66D turboprop	
Thermodynamic power	1825 eshp		
Nominal power:	850 shp		
Usable fuel capacity:	291.6 gal	1,100 liters	
<b>Dimensions</b>			
Overall length	34.92 ft	10.645 m	
Wingspan	41.60 ft	12.680 m	
<b>Internal</b>			
Maximum freight volume in cabin	123.6 cu. ft.	3.5 cu.m	
<b>Loading</b>			
Basic empty weight	4,589 lbs	2,081 kg	
Maximum ramp weight (MRW)	7,430 lbs	3,370 kg	
Maximum Takeoff weight	7,394 lbs	3,353 kg	
Maximum Zero Fuel Weight	6,032 lbs	2,735 kg	
Basic maximum payload	1,443 lbs	659 kg	
Maximum payload with maximum fuel	849 lbs	385 kg	
Maximum luggage in storage areas	297 lbs	135 kg	
<b>Performance</b> (ISA conditions, MTOW, No wind,)			
Maximum Cruising Speed	252 KTAS	467 Km/h	
At long-range settings			
Maximum cruise speed	320 KTAS	593 km/h	
At 26,000 ft			
Time to climb to 26,000 ft	15 min		
Time to climb to 31,000 ft	20 min		
Certified ceiling	31,000 ft	9,449 m	
<b>Distances</b> (ISA conditions, MTOW, No wind, 50 ft obstacle clearance)			
Takeoff	2,840 ft	866 m	
Landing	2,430 ft	741 m	
Maximum range (ISA conditions, MTOW, No wind, 45 min fuel reserve)			
At long-range settings			
With maximum fuel	1,585Nm	2,935 km	
At maximum cruise speed			
With maximum fuel	1,410 Nm	2,611 km	
<b>Price (for 2009 delivery)</b>			
Standard equipped aircraft:	2 919 850 USD		
Average equipped aircraft	3 082 710 USD		